

From the INTERNATIONAL BUREAU

# PCT

NOTIFICATION OF TRANSMITTAL  
OF COPIES OF TRANSLATION  
OF THE INTERNATIONAL PRELIMINARY REPORT  
ON PATENTABILITY  
(CHAPTER I OR CHAPTER II  
OF THE PATENT COOPERATION TREATY)  
(PCT Rule 72.2)

To:

MIYAZAKI, Teruo  
8th Floor, 16th Kowa Bldg.  
9-20, Akasaka 1-chome  
Minato-ku, Tokyo 107-0052  
JAPON



Date of mailing (day/month/year) 04 August 2005 (04.08.2005)	
Applicant's or agent's file reference NEC03P228	IMPORTANT NOTIFICATION
International application No. PCT/JP2003/015652	International filing date (day/month/year) 08 December 2003 (08.12.2003)
Applicant NEC CORPORATION et al	

**1. Transmittal of the translation to the applicant.**

The International Bureau transmits herewith a copy of the English translation made by the International Bureau of the international preliminary examination report established by the International Preliminary Examining Authority.

**2. Transmittal of the copy of the translation to the elected Offices.**

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following elected Offices requiring such translation:

CN, EP

The following elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

US

**3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).**

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report.

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  Masashi Honda
Facsimile No.+41 22 740 14 35	Facsimile No.+41 22 338 70 10

Translation

PATENT COOPERATION TREATY

PCT/JP2003/015652



PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference NEC03P228	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/JP2003/015652	International filing date (day/month/year) 08 December 2003 (08.12.2003)	Priority date (day/month/year) 06 December 2002 (06.12.2002)
International Patent Classification (IPC) or national classification and IPC H04N 5/232		
Applicant NEC CORPORATION		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.	
2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.	
<input checked="" type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).	
These annexes consist of a total of <u>4</u> sheets.	
3. This report contains indications relating to the following items:	
I	<input checked="" type="checkbox"/> Basis of the report
II	<input type="checkbox"/> Priority
III	<input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
IV	<input type="checkbox"/> Lack of unity of invention
V	<input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
VI	<input type="checkbox"/> Certain documents cited
VII	<input type="checkbox"/> Certain defects in the international application
VIII	<input checked="" type="checkbox"/> Certain observations on the international application

Date of submission of the demand 08 December 2003 (08.12.2003)	Date of completion of this report 28 July 2004 (28.07.2004)
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP2003/015652

## I. Basis of the report

### 1. With regard to the elements of the international application:\*

- ☐ the international application as originally filed
- ☒ the description:  
 pages 1-10, 14-18, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages 11-13, filed with the letter of 20 July 2004 (20.07.2004)
- ☒ the claims:  
 pages 1-7, as originally filed  
 pages \_\_\_\_\_, as amended (together with any statement under Article 19  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_
- ☒ the drawings:  
 pages 1-3, 5-9, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages 4, filed with the letter of 20 July 2004 (20.07.2004)
- ☐ the sequence listing part of the description:  
 pages \_\_\_\_\_, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

### 2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

### 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

### 4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/fig \_\_\_\_\_

### 5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

**INTERNATIONAL PRELIMINARY EXAMINATION REPORT**

International application No.

**PCT/JP03/15652****V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement****1. Statement**

Novelty (N)	Claims	1-7	YES
	Claims		NO
Inventive step (IS)	Claims	1-7	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-7	YES
	Claims		NO

**2. Citations and explanations**

The inventions relating to claims 1-7 are not described in any of the documents cited in the ISR; nor would they be obvious to a party skilled in the art.

## VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

According to the written amendment of January 7, 2004, the specification (page 13, lines 19-21) was amended to "buffered in internal RAM 75 to be used for compressing/encoding image data after image processing as image data  $D_{p3}$  and supplied to RSPB 76," and a missing arrow was added to Fig. 4.

However, the above amended description contradicts both the description of the specification (page 13, lines 18-19 and lines 21-26) and the description of amended Fig. 4.

In other words, image data after image processing in a regulator circuit 72 are not image data  $D_{p3}$  but image data  $D_{p1}$ . According to the description of the specification (page 13, lines 22-26), image data  $D_{p1}$  after image processing are not buffered to the internal RAM 75 as they are but the image data  $D_{p1}$  should be resize processed by the RSPB 76 and buffered to the internal RAM 75 as image data  $D_{p3}$ .

Regarding Fig. 4 as well, an arrow does not direct from the internal RAM 75 to the RSPB 76 but directs from the RSPB 76 to the internal RAM 75.

Further, in Fig. 4, a data flow of a hook-shaped line connected from a line linking the regulator circuit 72 and RSPB 76 to a line linking an external RAM controller 73 and the internal RAM 75 is still not clear, and which data are to be outputted from where to where are not clear.

In other words, if image data  $D_{p1}$  are to be outputted from the regulator circuit 72 to the external RAM controller 73, a hook should face an opposite direction. Also, if image data  $D_{p3}$  are to be outputted from the RSPB 76 to the external RAM controller 73, it is unnatural because image data  $D_{p1}$  and image data  $D_{p3}$  exist on the same line. As image data  $D_{p3}$  are buffered in the internal RAM 75 from the beginning, the above hook-shape line is considered unnecessary.